

Abstract

The present invention relates to an electrode which has a capacity to store hydrogen, having a metallic substrate material to which an active compound is applied. According to the invention, the active compound is obtainable from a paste which comprises a dry fraction and a liquid fraction, the dry fraction comprising a mixture of a pulverulent storage alloy for hydrogen, soot and polytetrafluoroethylene (PTFE), the particles of the storage alloy being covered with PTFE in the manner of fibrils, and the liquid fraction comprising a mixture of water and a higher alcohol which has from 3 to 6 C atoms. The present invention also relates to a method for producing an electrode of this type.